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# CAT-102

### Peroxide catalyst masterbatch

#### DESCRIPTION

- Peroxide catalyst masterbatch for use with high consistency silicone systems
- Di(2,4-dichlorobenzoyl)peroxide at 50% concentration in silicone oil

#### **APPLICATION**

 To vulcanize silicone elastomer systems for calendaring, extrusion, or transfer and compression molding applications

#### **PROPERTIES**

Typical Properties	Average Result	Standard	NT-TM
Appearance	Off white homogeneous paste	ASTM D2090	002

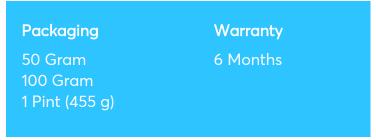
Properties tested on a lot-to-lot basis. Do not use the properties shown in this technical profile as a basis for preparing specifications Please <u>contact</u> NuSil Technology for assistance and recommendations in establishing particular specifications.

#### **INSTRUCTIONS FOR USE**

On a two roll mill, soften the silicone elastomer to a smooth consistency. Add CAT-102 and thoroughly blend into product, taking care not to generate excess heat. The amount of peroxide needed for a given application often cannot be determined accurately by theory or laboratory experiments. The most practical way to establish the correct amount of catalyst is to experiment using the elastomers and equipment that will be used for production.

#### Caution

During vulcanization, oven-curing, and post-curing, vapors containing polychlorinated biphenyl (PCB), and other residual volatile byproducts of vulcanization may be released in small amounts, which may be harmful. Work areas must be well



ventilated, and workers should avoid inhalation of vapors. Review the Material Safety Data Sheets for specific information.

#### STORAGE

wellCAT-102 is a relatively unstable compound and can undergodegradation over time.To minimize this effect a storageVersion uploaded 20/01/2020Canada and can undergo





temperature below 30°C is recommended. Refrigerating or freezing this product in closed containers will not adversely affect this product and may serve to further extend its useable life.

Store CAT-102 in closed containers away from heat, sources of ignition and materials such as acids, amines, alkalis and heavy metal compounds.

#### **SPECIFICATIONS**

Do not use the properties shown in this technical profile as a basis for preparing specifications. Please <u>contact</u> NuSil Technology for assistance and recommendations in establishing particular specifications.

#### WARRANTY INFORMATION

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